

INPUT SET: S23913.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

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SEQUENCE LISTING

3 (1) General Information
4
5 (i) APPLICANT: Wiley, Steven R.
6
7 (ii) TITLE OF THE INVENTION: MEMBER OF THE TNF FAMILY USEFUL
8 FOR TREATMENT AND DIAGNOSIS OF DISEASE
9
10 (iii) NUMBER OF SEQUENCES: 11
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Abbott Laboratories, D377/AP6D
14 (B) STREET: 100 Abbott Park Road
15 (C) CITY: Abbott Park
16 (D) STATE: IL
17 (E) COUNTRY: USA
18 (F) ZIP: 60064
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Diskette
22 (B) COMPUTER: IBM Compatible
23 (C) OPERATING SYSTEM: DOS
24 (D) SOFTWARE: FastSEQ Version 2.0
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 08/798692
33 (B) FILING DATE: 12-FEB-1997
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Becker, Cheryl L.
37 (B) REGISTRATION NUMBER: 35,441
38 (C) REFERENCE/DOCKET NUMBER: 6048.US.P1
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: 847-935-1729
42 (B) TELEFAX: 847-938-2623
43 (C) TELEX:
44
45 (2) INFORMATION FOR SEQ ID NO:1:
46

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47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 1236 base pairs
49 (B) TYPE: nucleic acid
50 (C) STRANDEDNESS: single
51 (D) TOPOLOGY: unknown

52 (ii) MOLECULE TYPE: cDNA

53 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

54
55 ATGGCCGCCA GTCGGAGCCA GAAGCGGAGG GGGCGCCGGG GGGAGCCGGG CACCGCCCTG 60
56 CTGGTCCCCTG TCGCGCTGGG CCTGGGCCTG GCGCTGGCCT GCCTCGGCCT CCTGCTGGCC 120
57 GTGGTCAGTT TGGGGAGCCG GGCATCGCTG TCCGCCAGG AGCCTGCCA GGAGGAGCTG 180
58 GTGGCAGAGG AGGACCAGGA CCCGTCGGAA CTGAATCCCC AGACAGAAGA AAGCCAGGAT 240
59 CCTGCGCCTT TCCTGAACCG ACTAGTCGG CCTCGAAGAA GTGCACCTAA AGGCGGGAAA 300
60 ACACGGGCTC GAAGAGCGAT CGCAGCCAT TATGAAGTTC ATCCACGACC TGGACAGGAC 360
61 GGAGCGCAGG CAGGTGTGGA CGGGACAGTG AGTGGCTGGG AGGAAGCCAG AATCAACAGC 420
62 TCCAGCCCTC TGCGCTACAA CCGCCAGATC GGGGAGTTA TAGTCACCCG GGCTGGCTC 480
63 TACTACCTGT ACTGTCAGGT GCACTTTGAT GAGGGGAAGG CTGTCTACCT GAAGCTGGAC 540
64 TTGCTGGTGG ATGGTGTGCT GCCCCTGCGC TGCCTGGAGG AATTCTCAGC CACTGCGGCG 600
65 AGTTCCCTCG GGCCCCAGCT CCGCCTCTGC CAGGTGTCTG GGCTGTTGGC CCTGCGGCCA 660
66 GGGTCCTCCC TGCGGATCCG CACCCCTCCCC TGGGCCCATC TCAAGGCTGC CCCCTTCCTC 720
67 ACCTACTTCG GACTCTTCCA GGTTCACTGA GGGGCCCTGG TCTCCCCGCA GTCGTCCCAG 780
68 GCTGCCGGCT CCCCTCGACA GCTCTCTGGG CACCCGGTCC CCTCTGCCCA ACCCTCAGCC 840
69 GCTCTTGCT CCAGACCTGC CCCTCCCTCT AGAGGCTGCC TGGGCCTGTT CACGTGTTTT 900
70 CCATCCCACA TAAATACAGT ATTCCCACTC TTATCTTACA ACAACCCAC CGCCCACCT 960
71 CCACCTCACT AGCTCCCCAA TCCCTGACCC TTTGAGGCC CCAGTGATCT CGACTCCCCC 1020
72 CTGGCCACAG ACCCCCAGGG CATTGTGTT ACTGTACTCT GTGGGCAAGG ATGGGTCCAG 1080
73 AAGACCCAC TTCAGGCAC AAGAGGGCT GGACCTGGCG GCAGGAAGCC AAAGAGACTG 1140
74 GGCCTAGGCC AGGAGTTCCC AAATGTGAGG GGCGAGAAC AAGACAAGCT CCTCCCTTGA 1200
75 GAATTCCCTG TGGATTTTA AAACAGATAT TATTTT 1236
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100 (2) INFORMATION FOR SEQ ID NO:2:

101
102 (i) SEQUENCE CHARACTERISTICS:
103 (A) LENGTH: 249 amino acids
104 (B) TYPE: amino acid
105 (C) STRANDEDNESS: single
106 (D) TOPOLOGY: linear107
108 (ii) MOLECULE TYPE: None109
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:111
112 Met Ala Ala Arg Arg Ser Gln Lys Arg Arg Gly Arg Arg Gly Glu Pro
113 1 5 10 15
114 Gly Thr Ala Leu Leu Val Pro Leu Ala Leu Gly Leu Gly Leu Ala Leu
115 20 25 30
116 Ala Cys Leu Gly Leu Leu Leu Ala Val Val Ser Leu Gly Ser Arg Ala
117 35 40 45
118 Ser Leu Ser Ala Gln Glu Pro Ala Gln Glu Glu Leu Val Ala Glu Glu
119 50 55 60
120 Asp Gln Asp Pro Ser Glu Leu Asn Pro Gln Thr Glu Glu Ser Gln Asp
121 65 70 75 80
122 Pro Ala Pro Phe Leu Asn Arg Leu Val Arg Pro Arg Arg Ser Ala Pro
123 85 90 95
124 Lys Gly Arg Lys Thr Arg Ala Arg Arg Ala Ile Ala Ala His Tyr Glu
125 100 105 110
126 Val His Pro Arg Pro Gly Gln Asp Gly Ala Gln Ala Gly Val Asp Gly
127 115 120 125
128 Thr Val Ser Gly Trp Glu Glu Ala Arg Ile Asn Ser Ser Ser Pro Leu
129 130 135 140
130 Arg Tyr Asn Arg Gln Ile Gly Glu Phe Ile Val Thr Arg Ala Gly Leu
131 145 150 155 160
132 Tyr Tyr Leu Tyr Cys Gln Val His Phe Asp Glu Gly Lys Ala Val Tyr
133 165 170 175
134 Leu Lys Leu Asp Leu Leu Val Asp Gly Val Leu Ala Leu Arg Cys Leu
135 180 185 190
136 Glu Glu Phe Ser Ala Thr Ala Ala Ser Ser Leu Gly Pro Gln Leu Arg
137 195 200 205
138 Leu Cys Gln Val Ser Gly Leu Leu Ala Leu Arg Pro Gly Ser Ser Leu
139 210 215 220
140 Arg Ile Arg Thr Leu Pro Trp Ala His Leu Lys Ala Ala Pro Phe Leu
141 225 230 235 240
142 Thr Tyr Phe Gly Leu Phe Gln Val His
143 245
144
145
146 (2) INFORMATION FOR SEQ ID NO:3:147
148 (i) SEQUENCE CHARACTERISTICS:
149 (A) LENGTH: 189 amino acids
150 (B) TYPE: amino acid
151 (C) STRANDEDNESS: single
152 (D) TOPOLOGY: linear

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153
154 (ii) MOLECULE TYPE: None
155
156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
157
158 Met Val Met Met Leu Arg Thr Trp Arg Leu Leu Pro Met Val Leu Leu
159 1 5 10 15
160 Ala Ala Tyr Cys Tyr Cys Ser Leu Ala Ala Pro Gly Ser Asp Tyr Lys
161 20 25 30
162 Asp Asp Asp Asp Lys Gly Arg Lys Thr Arg Ala Arg Arg Gly Ile Ala
163 35 40 45
164 Ala His Tyr Glu Val His Pro Arg Pro Gly Gln Asp Gly Ala Gln Ala
165 50 55 60
166 Gly Val Asp Gly Thr Val Ser Gly Trp Glu Glu Ala Arg Ile Asn Ser
167 65 70 75 80
168 Ser Ser Pro Leu Arg Tyr Asn Arg Gln Ile Gly Glu Phe Ile Val Thr
169 85 90 95
170 Arg Ala Gly Leu Tyr Tyr Leu Tyr Cys Gln Val His Phe Asp Glu Gly
171 100 105 110
172 Lys Ala Val Tyr Leu Lys Leu Asp Leu Leu Val Asp Gly Val Leu Ala
173 115 120 125
174 Leu Arg Cys Leu Glu Glu Phe Ser Ala Thr Ala Ala Ser Ser Leu Gly
175 130 135 140
176 Pro Gln Leu Arg Leu Cys Gln Val Ser Gly Leu Leu Ala Leu Arg Pro
177 145 150 155 160
178
179 Gly Ser Ser Leu Arg Ile Arg Thr Leu Pro Trp Ala His Leu Lys Ala
180 165 170 175
181 Ala Pro Phe Leu Thr Tyr Phe Gly Leu Phe Gln Val His
182 180 185
183
184
185 (2) INFORMATION FOR SEQ ID NO:4:
186
187 (i) SEQUENCE CHARACTERISTICS:
188 (A) LENGTH: 24 amino acids
189 (B) TYPE: amino acid
190 (C) STRANDEDNESS: single
191 (D) TOPOLOGY: linear
192
193 (ii) MOLECULE TYPE: Protein
194
195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
196
197 Met Lys Trp Val Thr Phe Ile Ser Leu Leu Phe Leu Phe Ser Ser Ala
198 1 5 10 15
199 Tyr Ser Arg Gly Val Phe Arg Arg
200 20
201
202 (2) INFORMATION FOR SEQ ID NO:5:
203
204 (i) SEQUENCE CHARACTERISTICS:
205 (A) LENGTH: 8 amino acids

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206 (B) TYPE: amino acid
207 (C) STRANDEDNESS: single
208 (D) TOPOLOGY: linear
209 (ii) MOLECULE TYPE: Protein
210
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

214 Asp Tyr Lys Asp Asp Asp Asp Lys
215 1 5

218 (2) INFORMATION FOR SEQ ID NO:6

220 (i) SEQUENCE CHARACTERISTICS:
221 (A) LENGTH: 146 amino acids
222 (B) TYPE: amino acid
223 (C) STRANDEDNESS: single
224 (D) TOPOLOGY: linear

226 (ii) MOLECULE TYPE: protein

228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

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230 Arg Arg Ala Ile Ala Ala His Tyr Glu Val His Pro Arg Pro Gly Gln
231 1 5 10 15
232 Asp Gly Ala Gln Ala Gly Val Asp Gly Thr Val Ser Gly Trp Glu Glu
233 20 25 30
234 Ala Arg Ile Asn Ser Ser Ser Pro Leu Arg Tyr Asn Arg Gln Ile Gly
235 35 40 45
236 Glu Phe Ile Val Thr Arg Ala Gly Leu Tyr Tyr Leu Tyr Cys Gln Val
237 50 55 60
238 His Phe Asp Glu Gly Lys Ala Val Tyr Leu Lys Leu Asp Leu Leu Val
239 65 70 75 80
240 Asp Gly Val Leu Ala Leu Arg Cys Leu Glu Glu Phe Ser Ala Thr Ala
241 85 90 95
242 Ala Ser Ser Leu Gly Pro Gln Leu Arg Leu Cys Gln Val Ser Gly Leu
243 100 105 110
244 Leu Ala Leu Arg Pro Gly Ser Ser Leu Arg Ile Arg Thr Leu Pro Trp
245 115 120 125
246 Ala His Leu Lys Ala Ala Pro Phe Leu Thr Tyr Phe Gly Leu Phe Gln
247 130 135 140
248 Val His
249 145

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250
251 (2) INFORMATION FOR SEO ID NO:78

252
253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 177 amino acids
255 (B) TYPE: amino acid
256 (C) STRANDEDNESS: single
257 (D) TOPOLOGY: linear

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SEQUENCE VERIFICATION REPORT
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Original Text

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